MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY 1923

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

JULY 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	754.8	754.3	755.3	754.8	30.0	21.3			
2	5.1	5.1	6.4	5.5	30.1	23.6			
3	6.5	6.6	5.6	6.2	30.1	21.0			
4	4.8	7.2	7.3	6.4	29.5	21.9			
5	7.3	7.0	6.6	6.9	29.9	22.4	—	—	—
6	6.7	6.8	6.8	6.8	30.2	22.3			
7	5.5	5.0	5.0	5.1	29.8	21.4			
8	4.8	4.9	4.5	4.7	29.7	21.5			
9	5.6	5.7	6.1	5.8	29.6	21.3			
10	7.4	7.6	7.7	7.6	29.4	21.7	—	—	—
11	7.7	7.9	6.8	7.5	28.9	22.4			
12	6.5	6.1	6.1	6.2	29.6	23.8			
13	6.8	7.0	7.0	6.9	30.1	22.4			
14	7.0	6.6	6.5	6.7	30.3	21.5			
15	5.7	5.6	5.7	5.6	30.3	23.2	—	—	—
16	5.4	5.5	5.7	5.5	30.0	21.8			
17	5.6	4.9	5.1	5.2	30.5	21.8			
18	3.8	3.6	6.5	4.6	30.9	22.5			
19	3.2	3.1	3.7	3.3	30.8	23.3			
20	3.9	3.6	3.6	3.7	31.1	22.8	—	—	—
21	3.0	3.1	2.7	2.9	31.5	23.7			
22	3.2	3.1	3.7	3.3	31.4	22.8			
23	5.3	5.8	6.3	5.8	30.8	23.1			
24	6.9	6.8	7.3	6.9	30.3	22.5			
25	6.4	5.9	5.5	5.9	30.7	23.3	—	—	—
26	4.0	3.6	3.3	3.6	30.6	24.4			
27	3.1	3.1	3.4	3.2	31.2	24.5			
28	3.6	4.4	4.0	4.0	31.0	24.3			
29	4.2	3.6	3.6	3.8	31.0	23.1			
30	3.2	3.3	3.1	3.2	31.2	24.0			
31	3.6	4.0	3.8	3.8	30.9	24.5			
	755.2	755.2	755.3	755.2	30.4	22.7			

BAROMETER

Maximum 757.9 on 11th

Minimum 753.0 on 21st

THERMOMETER

Maximum 31.5 on 21st

Minimum 28.9 on 11th

Minimum on grass on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	27.3	29.1	22.3	26.2	23.8	24.9	19.5	19.0	19.8	14.8	17.9	70	65	74	70
2	28.2	28.8	24.2	27.1	22.8	24.6	23.2	16.5	19.4	20.2	18.7	58	65	90	71
3	25.7	27.9	24.6	26.4	21.3	22.4	23.4	15.0	16.1	20.4	17.1	57	57	88	67
4	26.8	28.8	24.4	26.6	22.8	21.5	22.8	17.4	14.1	19.3	16.9	66	47	84	66
5	27.7	29.6	25.7	27.7	21.0	25.1	23.9	14.1	19.9	20.5	18.2	51	64	83	66
6	27.3	28.9	24.5	26.9	24.2	24.9	22.1	19.9	20.1	17.9	19.3	74	68	78	73
7	27.0	28.9	24.4	26.8	22.9	23.6	21.5	17.5	17.5	16.9	17.3	66	59	74	66
8	27.2	29.5	23.6	26.7	22.7	23.6	21.6	17.0	17.2	17.7	17.3	63	57	82	67
9	27.5	29.1	24.0	26.9	22.8	23.3	21.3	17.0	16.9	16.9	16.9	62	56	75	64
10	27.3	28.8	24.4	26.8	22.8	23.0	21.2	17.1	16.5	16.2	16.6	63	55	71	63
11	26.7	28.4	24.3	26.5	22.3	23.3	21.6	16.7	17.3	17.1	17.0	64	60	77	67
12	27.8	28.9	25.1	27.2	24.2	24.3	22.5	19.5	18.9	18.2	18.9	70	63	76	70
13	26.9	29.7	24.7	27.1	23.3	24.2	22.4	18.3	18.2	18.4	18.3	69	59	79	69
14	27.3	29.8	25.5	27.5	23.9	25.3	23.3	19.2	20.1	19.5	19.6	71	64	79	71
15	27.7	29.7	24.3	27.2	23.6	24.6	21.6	18.4	18.9	17.1	18.1	67	61	77	68
16	27.1	29.4	24.4	27.0	22.2	23.9	22.2	16.5	17.7	18.1	17.4	61	58	79	66
17	27.5	30.2	25.3	27.6	24.3	21.7	23.3	19.9	19.4	19.7	19.7	73	60	81	71
18	27.8	29.8	25.5	27.7	24.4	25.3	23.3	19.9	20.1	19.5	19.8	72	64	79	72
19	28.4	30.3	26.1	28.3	25.0	25.6	24.2	20.5	20.3	20.7	20.5	72	61	83	72
20	28.2	30.6	25.9	28.2	25.3	26.1	24.4	21.3	21.3	21.5	21.4	75	65	87	76
21	28.8	30.6	25.6	28.3	25.1	26.1	23.3	20.4	21.2	19.4	20.3	69	65	79	71
22	28.8	30.1	25.6	28.2	25.1	25.9	23.2	20.5	21.2	19.2	20.3	69	66	78	71
23	28.8	29.7	25.0	27.8	23.9	25.1	22.7	18.1	19.6	18.7	18.8	60	62	79	67
24	27.5	29.7	25.6	27.6	23.0	23.9	22.2	17.4	17.5	17.3	17.4	64	56	71	64
25	28.1	30.8	25.7	28.2	23.3	24.4	23.1	17.6	17.9	18.8	18.1	62	54	76	64
26	28.6	29.9	26.1	28.2	24.6	26.1	20.4	19.5	21.8	19.1	20.1	67	68	76	70
27	28.0	30.6	26.1	28.2	24.1	25.3	23.4	19.0	19.6	19.2	19.3	67	60	76	68
28	28.1	30.2	25.3	27.9	24.2	25.1	23.4	19.2	19.5	19.7	19.5	68	61	82	70
29	27.8	30.4	25.1	28.1	23.9	25.4	23.9	18.8	20.0	20.1	19.6	68	61	80	69
30	28.4	30.8	26.2	28.5	24.5	25.5	23.4	19.5	19.9	19.0	19.5	68	60	75	68
31	28.9	29.7	25.4	28.0	24.4	24.9	22.8	19.1	19.5	18.5	19.0	64	62	77	68
	27.7	29.6	25.0	27.4	23.6	24.5	22.7	18.4	18.9	18.7	18.7	66	61	79	68

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1923

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	3	1	2	164.6	v. slight	
2	0	0	0	0	2	2	2	218.9	slight	
3	0	0	0	0	1	1	0	154.8	v. slight	
4	0	2	0	0.7	1	1	0	112.6	calm	
5	2	0	1	1.3	1	2	0	137.3	,,	
6	0	1	0	0.3	1	2	0	141.9	,,	
7	3	1	0	1.4	0	2	0	104.9	,,	
8	5	0	0	2.0	1	2	0	141.9	v. slight	
9	1	2s	0	1.0	2	2	2	189.9	,,	
10	2s	0	0	0.6	1	2	1	164.1	,,	
11	2cus	1s	0	1.0	1	1	1	100.3	calm	
12	4	0	0	1.3	1	1	0	201.1	,,	
13	0	0	0	0	1	2	0	211.1	v. slight	
14	1s	0	0	0.3	2	3	1	77.8	slight	
15	0	3cus	0	1.0	3	2	2	160.9	,,	
16	0	0	0	0	2	2	0	227.9	v. slight	
17	2cus	1s	0	1.0	2	1	0	277.3	,,	
18	1s	0	1	0.6	2	2	0	86.8	slight	
19	2	0	0	0.7	2	2	0	201.1	,,	
20	0	0	0	0	2	2	1	267.5	v. slight	
21	0	0	0	0	2	2	0	168.9	slight	
22	0	0	0	0	1	1	0	146.6	v. slight	
23	0	4	0	1.3	1	2	0	160.8	,,	
24	3	1	3	2.3	1	2nw	0	121.3	,,	
25	2	1	2	1.7	2nw	2	0	151.2	slight	
26	3	4	0	2.3	2nw	3nw	1	294.1	rough	
27	2	1	0	1.0	2w	2w	1w	357.8	,,	
28	0	1	0	0.3	2w	2w	1w	302.0	slight	
29	0	1cus	0	0.3	2	1w	1	329.3	,,	
30	0	1	0	0.3	3	1	2	300.4	,,	
31	1	0	0	0.3	1	2	0	328.6	,,	
				0.7				193.7		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	26	2	2	1
2:30	0	0	0	0	0	26	3	2	0
8:30	0	0	0	0	0	11	2	0	18
Totals	0	0	0	0	0	63	7	4	19

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, SW.